

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/003330

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl<sup>7</sup> G02F1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl<sup>7</sup> G02F1/1333

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Toroku Jitsuyo Shinan Koho	1994-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Jitsuyo Shinan Toroku Koho	1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-98945 A (Seiko Epson Corp.), 05 April, 2002 (05.04.02), Par. Nos. [0042] to [0045]; Fig. 5 (Family: none)	1-4

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

17 March, 2005 (17.03.05)

Date of mailing of the international search report

05 April, 2005 (05.04.05)

Name and mailing address of the ISA/  
Japanese Patent Office

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## PCT

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(PCT Administrative Instructions, Section 411)

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Applicant's or agent's file reference JJP05-0226	IMPORTANT NOTIFICATION
International application No. PCT/JP2005/003330	International filing date (day/month/year) 28 February 2005 (28.02.2005)
International publication date (day/month/year)	Priority date (day/month/year) 04 March 2004 (04.03.2004)
Applicant SANYO ELECTRIC CO., LTD. et al	

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<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
04 March 2004 (04.03.2004)	2004-060963	JP	24 June 2005 (24.06.2005)

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## Latest bibliographic data on file with the International Bureau

Publication Number: WO/2005/085940      International Application No.: PCT/JP2005/003330  
 Publication Date: 15.09.2005      International Filing Date: 28.02.2005  
 Chapter 2 Demand Filed: 04.10.2005

Int. Class.: G02F 1/1333 (2006.01), G09F 9/00 (2006.01)

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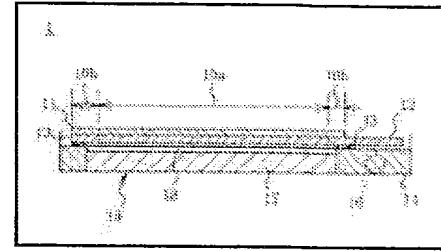
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Priority Data: 2004-060963 04.03.2004 JP

Title: LIQUID CRYSTAL DISPLAY

**Abstract:** A liquid crystal display (1) comprising a liquid crystal panel (10) having a first glass substrate (11) and a second glass substrate (12) provided with a terminal part (12a) protruding beyond the first glass substrate (11); a backlight (15) provided with a light source (16), a light guide plate (17) and an optical sheet (18); a case (14) for housing the liquid crystal panel (10) and the backlight (15); and a double-sided tape (13) for bonding the second glass substrate (12) side of the liquid crystal panel (10) and the case (14). The double-sided tape (13) is provided at a frame part (10b) in the outer circumference of the effective display section (10a) of the liquid crystal panel (10) which is closer to the effective display section (10a) than the terminal part (12a) and where the first and second glass substrates (11, 12) overlap. The double-sided tape (13) is narrower than the width of the frame part (10b) where the first and second glass substrates (11, 12) overlap. Consequently, there can be obtained liquid crystal display having such a structure that the liquid crystal panel is insusceptible to damage when dropped.



Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.  
 African Regional Intellectual Property Org. (ARIPO) (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW)  
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 African Intellectual Property Organization (OAPI) (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Publication Language: Japanese (JA)

Filing Language: Japanese (JA)

(19) 世界知的所有権機関  
国際事務局(43) 国際公開日  
2005年9月15日 (15.09.2005)

PCT

(10) 国際公開番号  
WO 2005/085940 A1

(51) 国際特許分類: G02F 1/1333

(21) 国際出願番号: PCT/JP2005/003330

(22) 国際出願日: 2005年2月28日 (28.02.2005)

(25) 国際出願の言語: 日本語

(26) 国際公開の言語: 日本語

(30) 優先権データ:  
特願2004-060963 2004年3月4日 (04.03.2004) JP

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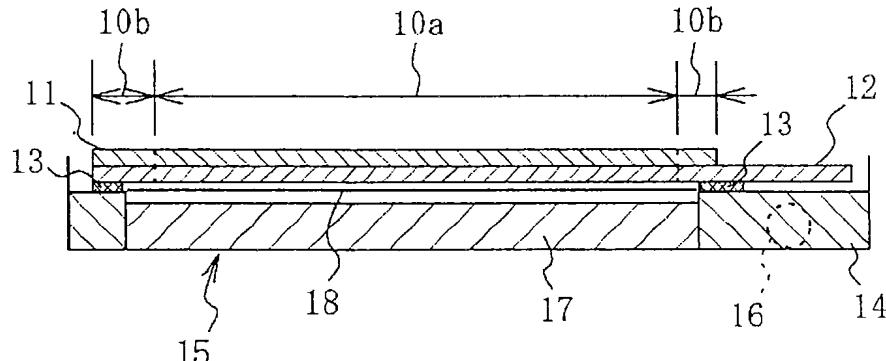
(81) 指定国(表示のない限り、全ての種類の国内保護が可能): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,

(続葉有)

(54) Title: LIQUID CRYSTAL DISPLAY

(54) 発明の名称: 液晶表示装置

1



WO 2005/085940 A1

(57) Abstract: A liquid crystal display (1) comprising a liquid crystal panel (10) having a first glass substrate (11) and a second glass substrate (12) provided with a terminal part (12a) protruding beyond the first glass substrate (11); a backlight (15) provided with a light source (16), a light guide plate (17) and an optical sheet (18); a case (4) for housing the liquid crystal panel (10) and the backlight (15); and a double-sided tape (13) for bonding the second glass substrate (12) side of the liquid crystal panel (10) and the case (4). The double-sided tape (13) is provided at a frame part (10b) in the outer circumference of the effective display section (10a) of the liquid crystal panel (10) which is closer to the effective display section (10a) than the terminal part (12a) and where the first and second glass substrates (11, 12) overlap. The double-sided tape (13) is narrower than the width of the frame part (10b) where the first and second glass substrates (11, 12) overlap. Consequently, there can be obtained a liquid crystal display having such a structure that the liquid crystal panel is insusceptible to damage when dropped.

(57) 要約: 液晶表示装置1は、第1のガラス基板11と該第1のガラス基板11からはみ出す端子部12aを有する第2のガラス基板12とを有する液晶パネル10と、光源16と導光板17と光

(続葉有)



NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(84) 指定国(表示のない限り、全ての種類の広域保護が可能): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), ユーラシア (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), ヨーロッパ (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR),

添付公開書類:  
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイドスノート」を参照。

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学シート18とを備えるバックライト15と、液晶パネル10及びバックライト15を格納するケース14と、前記液晶パネル10の第2のガラス基板12側とケース14とを接着する両面テープ13とを備え、両面テープ13は、液晶パネル10の有効表示部10aの外周であって、端子部12aより有効表示部10a側の第1及び第2のガラス基板11、12が重なる額縁部10bに設けられており、更にその幅が前記第1及び第2のガラス基板11、12が重なる額縁部10bの幅より幅狭である構成とする。これにより、落下時に液晶パネルが損傷しにくい構造の液晶表示装置を提供することができる。